

## Product datasheet for **RN208476**

### **Racgap1 (NM\_001108112) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Racgap1 (NM_001108112) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Racgap1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208476 representing NM\_001108112  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATACTACAATGGTGAATCTGTGGACTCTGTTTGAGCAGCTTGTGCGCCGGCTGGAGATTATCAATG  
 AAGGAAATGAAAGCATTGAATTCATCCAGGTTGTAAAGGACTTCGAGGACTTCGAAAGAAATGTCAAAG  
 AACCAACCAGGAGCTGGAGAAATTCAAAGATCTGTTGTTGAAGGCAGAGACTGGCGGAGTGCCCTGGAC  
 GTCAAGCTGAAGCACGCCGTAACCAAGTGGATGTGGAGATCAAACGGAGGCAACGAGCTGAGGCCGAGT  
 GTGCGAAGCTGGAACAACAGATTCAGCTGATTCGAGATATACTCATGTGTGACACAACCTGGCAGCATCCA  
 GCTAAGCGAGGAACAAAATCAGCTCTGGCTTTTCTCAACCGAGGCCAAGCATCCAGTGGCAACGCTGGG  
 AACATAGACTGTCAACGATTGATGAATCTGGCTCCATTTTATCAGATATCAGCTTTGACAAGACTGATG  
 AATCACTGGACTGGGATTCTTCTTTGAAGAATTCAAAATGAAGAAACGAGAAAAGAGGGCGCTCCAGCAG  
 TAGACAGTTCATCGATGGCCCTCTGGCCTGTGAAGAAAACGTGTTCCATTGGCTCTACAATAGACCAG  
 GCAATGAATCAATAGTTGCTAAAACAACGGTACTGTCCCAAGTGACGGTGGGCCATTGAAGCCGTGT  
 CCACTATCGAGACATTGCCGTGTGGACCAGGAGTCGAGGGAAATCAGGACCTTTACAACCTGTGAACAG  
 CGACTCTGCTCTCAATAGCAGGCCACTGGAGCCAAGAAGTGTGACAGACGCTGTGGGCACACCCCAAGT  
 AATGGCATGCGCTTACACGACTTTGTCTCAAAGACGGTTATTAAGCCTGAATCTTGTGTCCCGTGTGGGA  
 AGCGGATCAAGTTTGGCAAGCTGTCTCTGAAGTGTGCGGACTGTCGTTGGTCTCTCATCCAGAATGCCG  
 GGACCGATGTCCCTTCCCTGCATTCTCCCTGGTGGGAACCCCGTGAAGATTGGAGAGGGAATGCTG  
 GCAGATTTGTGTCGACACTTCCCAATGATTCCTGCTATTGTTGTGACGCTGTGTAATGAGATTGAGC  
 AGCGAGCCTGACTGAGGCAGGCTTATACAGGATCTCAGGCTGTGACCGGACAGTAAAGGAGCTGAAAGA  
 GAAATTCCTTAAAGTAAAACCGTGCCCTCTCAGCAAAGTGGACGACATCCATGCCATCTGCAGCCTC  
 CTGAAAGACTTCTTCGAAACCTCAAGGAACCCCTTCTGACCTTTTGGCTAAGCAAAGCGTTTCATGGAGG  
 CAGCAGAGATAACGGATGAAGACAACAGCACAGCCGCATGTACCAGGCTGTGAGTGTGCCCCAGGC  
 CAACAGGGACACGCTAGCCTTCTCATGATCCACCTCCAGAGAGTGGCTCAGAGTCCGAGACTAAGATG  
 GACGTTGTCAATCTGGCTAAAATCTTCGGCCCTACGATAGTTGCCACACTGTGCCCAATCCAGATCCAG  
 TGACGATGTTCCAGGACATCAAACGCCAGCTCAAGGTGGTGGAGCGCCTGCTCTCTGCCCTGGAGTA  
 CTGGAATCAGTTCATGATGGTGAACAAGAGAACATGGACTGCCACCGCGCAATGGGAGCTCAACACCA  
 CGGACACCAGACATTAAGTGAGCTTATTGGGCTGTGACCCTCTGAATTCAGCTTGTCAAGACTC  
 TTCATCAAATCCCTGTACAGAGATTGTACAACCTCTCCAAGGACACCCAGATTTGGGAACAAGAG  
 CAAGTCTGCCACCAACTTAGGTCAACAGGGCAAATTTTTCCCTGCTCCGTACCTCAAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108112
- Insert Size:** 1881 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001108112.1](#), [NP\\_001101582.1](#)

**RefSeq Size:** 2474 bp

**RefSeq ORF:** 1881 bp

**Locus ID:** 315298

**Cytogenetics:** 7q36